

In re Application of VABLAIS et al.
Serial No. 09/820,258

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Listing of the Claims:

1. (currently amended) A device for sensing writing movement, comprising,
an electronic module configured to be received within a cavity of a writing instrument, comprising:
a ballistic generator that is configured to generate movement information resulting from writing movements; and
a transmitter that is configured to transmit the movement information to a remote computer;
and
wherein the cavity is configured to receive a plurality of ink cartridges and the electronic module is configured to be inserted in place of one of the cartridges.
2. (original) The device of claim 1, wherein the ballistic generator comprises an accelerometer.
3. (original) The device of claim 2, wherein the accelerometer is configured to generate writing instrument tilt information.
4. (original) The device of claim 1, further comprising a motion sensor configured to power on the electronic module upon detecting movement of the electronic module.

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5-6 (canceled).

7. (currently amended) The device of ~~claim 6~~ claim 1, wherein a first of the two cartridges is aligned to provide ink for a tip of the pen, and a second is positioned so that it abuts the first, and wherein the electronic module is configured to be positioned in the location of the second cartridge.

8-13 (canceled).

14. (currently amended) A writing instrument, comprising:
an electronic module configured to be mounted within the writing instrument, comprising a ballistic generator that is configured to generate movement information resulting from writing movements of the writing instrument, and wherein the writing instrument is a pen that is configured to receive a plurality of ink cartridges, and the electronic module is configured to be inserted in place of one of the cartridges.

15. (canceled).

16. (currently amended) The writing instrument of ~~claim 15~~ claim 14, wherein a first of the two cartridges is aligned to provide ink for a tip of the pen, and a second is positioned so that it abuts the first, and wherein the electronic module is positioned in the location of the second cartridge.

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17. (original) The writing instrument of claim 14, wherein the ballistic generator comprises an accelerometer.

18. (original) The writing instrument of claim 17, wherein the accelerometer is configured to generate writing instrument tilt information.

19. (original) The writing instrument of claim 14, wherein the electronic module further comprises a motion sensor configured to power on the electronic module upon detecting movement of the writing instrument.

20-24 (canceled).

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